



MATERIAL SAFETY DATA SHEET

SEVEN SEAS EPOXY

1. IDENTIFICATION OF MATERIAL AND SUPPLIER		
Material/Trade Name	Seven Seas Epoxy	
Material Type	Epoxy Adhesive	
Company	Republic Chemical Industries, Inc.	
Address	731 Aurora Boulevard, Quezon City, 1112 Philippines	
Telephone	+63 2 721 5781 to 86	
Fax	+63 2 727 5095	
Website	www.repchem.com	
2. COMPOSITION/INFORMATION INGREDIENTS		
Chemical Identity	% Weight	CAS No.
Liquid epoxy resin based on epichlorohydrin and Bisphenol A	35	25085-99-8
Cycloaliphatic amine resin	38	Blend
Amorphous filler	3	112926-00-8
Diluent	8	84-74-2
3. HAZARDS IDENTIFICATION		
Potential Health Effects		
Eye: May cause moderate eye irritation.		
Skin: Has caused allergic skin reactions in humans. A single exposure not likely to cause skin irritation. Prolonged and repeated contact may cause skin irritation with local redness.		
Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.		
Inhalation: Vapors are unlikely due to physical properties.		
Chronic (Cancer) Information: N/A		
Teratology (Birth Defect) Information: N/A		
Reproduction Information: N/A		
4. FIRST AID MEASURES		
Eye or Skin contact: Flush thoroughly with plenty of water.		
Inhalation: Move to fresh air and if there are adverse reactions, call a Physician.		
Ingestion: Do not induce vomiting, immediately drink a large quantity of milk or water and call a physician.		
5. FIRE FIGHTING MEASURES		
Extinguishing Media: Foam, dry chemical or carbon dioxide		



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Special Fire fighting Procedure: Wear full protective equipment including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spills/Leaks

Soak up in absorbent material such as sand and collect in suitable container. Flush area with plenty of water. Wear adequate personal protective clothing and equipment. Keep out of irrigation ditches, sewers, and water supplies.

Disposal Method

Do not dump into any sewers, on the ground or into any body of water. Dispose in an approved chemical waste landfill. Disposable method must be in compliance with federal, State/Provincial and local law and regulations.

7. HANDLING AND STORAGE

Handling: Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid use of electric band heaters. Failures of electric band heaters have been reported to cause drums of liquid epoxy resin to explode and catch fire.

Storage: Practice caution and good personal cleanliness to avoid skin and eye contact. Avoid vapors of heated material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: Safety goggles/glasses.

Respiratory Protection: If respiratory irritation is experienced, use an approved air-purifying respirator.

Skin Protection: Use protective clothing impervious to this material. Remove contaminated clothing immediately, wash skin with soap and water.

Ventilation: Good general ventilation should be sufficient for most condition.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color	Part A – Clear – Hazy White gel; Part B – Clear Yellowish gel
Consistency	Soft Paste
Solids Content	Part A – 98%; Part B - 100%
Potlife	Approximately 40 minutes
Full Cure	96 hours

*Pot life was determined by using a quart mixture as basis & at 26°C.

10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable

Hazard Polymerization: Will not occur by itself

11. TOXICOLOGICAL INFORMATION

Skin and Eye irritation: Irritating to eyes and skin. Repeated skin contact may possibly cause dermatitis.

Sensitizing: May cause sensitization by skin contact.



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<p>Inhalation: May be harmful or cause irritation of respiratory tract if inhaled in large amount or for prolonged periods. Overexposure to fumes and vapor may cause lung damage and chemical pneumonia.</p>
<p>12. ECOLOGICAL CONSIDERATION</p>
<p>Not determined.</p>
<p>13. DISPOSAL CONSIDERATIONS</p>
<p>Dispose of in accordance with local and national regulations. Dispose in an approved chemical waste landfill.</p>
<p>14. TRANSPORT INFORMATION</p>
<p>Not considered dangerous for the purpose of transportation.</p> <p>ROAD & RAIL Non-Bulk: Not Regulated ROAD & RAIL Bulk: Not Regulated IMDG: Not Regulated ICAO/IATA: Not Regulated</p>
<p>15. REGULATORY INFORMATION</p>
<p>PICCS Status: On the inventory, or in compliance with the inventory EINECS Status: On the inventory, or in compliance with the inventory TSCA Status: On the inventory, or in compliance with the inventory</p>
<p>6. OTHER INFORMATION</p>
<p>None</p>